V-GUARD

INSTRUCTION MANUAL & WARRANTY GUIDE

ELECTRONIC VOLTAGE STABILIZER FOR REFRIGERATOR

PRODUCT OVERVIEW & THE SUGGESTED APPLICATION:

Model Name	Display Type	Working Range	Capacity	Suggested Application
ODALIS 200	LED	135 VAC-280 VAC	1 Ampere	One Refrigerator Up to 215 L
TROSSIA 450	LED	125 VAC-290 VAC	2 Ampere	One Inverter Refrigerator Up to 450 L
TROSSIA 450 DG	Digital	125 VAC-290 VAC	2 Ampere	One Inverter Refrigerator Up to 450 L
VGSD 50 Smart	Digital	130 VAC-290 VAC	2 Ampere	One Refrigerator Up to 300 L
VGSD 50 Supreme	LED	130 VAC-290 VAC	2 Ampere	One Refrigerator Up to 300 L
VG 50 Supreme	LED	135 VAC-280 VAC	2 Ampere	One Refrigerator Up to 300 L
ODALIS 300	LED	135 VAC-280 VAC	2 Ampere	One Refrigerator Up to 300 L
VG 100 Supreme	LED	135 VAC-280 VAC	4 Ampere	One Refrigerator or Deep Freezer Up to 600 L
VGSD 100 Supreme	LED	130 VAC-290 VAC	4 Ampere	One Refrigerator or Deep Freezer Up to 600 L
ELEGNA 750	LED	125VAC-290 VAC	4 Ampere	One Inverter Refrigerator Up to 750L
ELEGNA 1000	LED	125VAC-290 VAC	6 Ampere	One Inverter Refrigerator Up to 1000 L/Deep Freezer/Air Cooler/ 0.5 Ton AC Up to 6 Ampere
VG 150 Supreme	LED	150 VAC-280 VAC	6 Ampere	One Refrigerator or Deep Freezer Up to 1000 L / Air Cooler / 0.5 Ton AC

INDICATIONS IN DIGITAL MODEL

Condition	Display Indication	Output Voltage
Normal Input and Output Voltage	IP- (Shows Input Voltage)	Available
	OP-(Shows Output Voltage)	
Low / High Voltage Cut-off	Lo / Hi	Not Available
*Surge Protection Acts	FLt	
Time Delay	dLy	
**Overload Cut-off / No Mains Input	No Display	

^^POWER MONITOR INDICATION

Input Voltage Range	LED Indication
Low/ High Voltage Cut-off	RED
<210 & >250V	AMBER
210V- 250V	GREEN

^^Power Monitor Indication applicable only for Elegna models.

INDICATION IN LED MODEL

Condition	Display Indication		Output Voltage
	MAINS/INPUT	OUTPUT	
Normal Input Voltage	RED/INPUT^/ POWER*	RED/GREEN***/ OUTPUT^	Available
Low/High Voltage Cut-off/Time delay	RED/INPUT^/ POWER*	OFF/RED****/ No Indication	Not Available
**Overload Cut-off / No Mains Input	OFF	OFF	

*ELEGNA 750 and ELEGNA 1000 models indications will be displayed as 'POWER' & 'OUTPUT'.

^ ODALIS 200 , ODALIS 300 & TROSSIA 450 models indications will be displayed as 'INPUT' & 'OUTPUT'

***Output indication of VGSD 50 Supreme & VG 50 Supreme models are "GREEN" in Normal Voltage.

****Output indication of VGSD 50 Supreme & VG 50 Supreme models are "RED" in Low/High Voltage Cut-off/ Time delay.

**This stabilizer is equipped with a thermal overload protection feature. If the internal temperature of the product exceeds the pre-set limit due to overloading or misbehavior of connected equipment, the protection mechanism activates, and the stabilizer enters the OFF state (LED/Digital display indications will be turned OFF). Please ensure that the connected load does not exceed the rated current of this stabilizer. The stabilizer will automatically restart after 10-15 minutes.

PLEASE READ THE FOLLOWING INSTRUCTIONS:

- Connect your equipment to a V-Guard stabilizer and connect the stabilizer to the mains. Please ensure that the earthing is properly done and there are no loose connections. Always use a power plug and socket with the ground terminal.
- V-Guard Refrigerator Stabilizers can withstand up to 320V AC input. Please ensure that the excess voltage beyond this limit is not fed since it can cause serious damage to the stabilizer and its connected equipment. The warranty will cease to exist in such circumstance.
- The models VGSD 50 Smart, VGSD 50 Supreme, VGSD 100 Supreme, TROSSIA 450, TROSSIA 450 DG , ELEGNA 750 & ELEGNA 1000 are provided with an "Intelligent Time Delay System (ITDS). If the power supply fails and resumes

within three minutes, there will be a delay in output power depending upon the period of absence of power and quality of the input voltage. If the power failure lasts for more than three minutes, the stabilizer will be switched on automatically at the arrival of the power due to inbuilt ITDS mechanism. This ensures safety of the connected equipment from unprecedented voltage fluctuation.

- The models VG 50 Supreme, VG 100 Supreme, VG 150 Supreme, ODALIS 200 and ODALIS 300 are provided with in-built "Constant Time Delay System". There will always be a time delay of 2 to 4 minutes. The duration of the delay will depend on the quality of the input voltage. This provides proper safety net for your large sized/ heavy duty equipment before resuming the power.
- V-Guard Refrigerator Stabilizers is designed to work up to 50°C ambient temperature and is suitable for only 50Hz equipment.
- *Surge/Spike protection is provided for TROSSIA 450DG, ELEGNA 750 & ELEGNA 1000 model.
- Unplug the stabilizer from the mains supply during lightning, since it can damage your stabilizer and the equipments connected to it.
- Do not modify or extend the stabilizer cable. Do not place any heating equipment near the cable. If you observe any deterioration in the cable, then immediately approach V-Guard Authorized Service Centre for its replacement.
- The stabilizer should always be kept away from water. If the stabilizer comes in contact with water (due to rain, flood, etc.), immediately contact V-Guard authorized service centre for repair, before using it again.
- Do not touch or clean the stabilizer with wet hands. Turn off the main power & unplug the stabilizer before cleaning it.
- Do not store/use/allow any inflammable items or gases near the stabilizer.
- When the stabilizer is not in use for a long time, disconnect the power supply plug.

- Do not place the stabilizer on any electrical or electronic equipment.

WARRANTY TERMS:

- The warranty for VG 50 Supreme, VG 100 Supreme, ODALIS 200, ODALIS 300, TROSSIA 450, TROSSIA 450 DG, ELEGNA 750 & ELEGNA 1000 is 3 years from the date of purchase, while the warranty for the rest of the models will be 5 years from the date of purchase.
- Proof of Purchase such as invoice copy or Product Registration Number issued by V-Guard after registering a product on the website **www.vguard.in** is mandatory to claim the warranty benefits.
- Repair services to be availed only from V-Guard authorized service centers (visit www.vguard.in)
- On-site repair service is not provided for these stabilizers and bringing it to a V-Guard Authorized Service Provider & collecting it after repair is the responsibility of the owner/customer.
- This warranty obligation is limited only to the V-Guard Voltage Stabilizer purchased herewith and does not extend to any equipment with which this stabilizer is connected.
- This warranty obligation is limited to free of cost repairing or providing replacement of part/s, which are found to be defective during the warranty period. Any part/s of the product replaced by V-Guard at its discretion shall be a functionally operative part.
- V-Guard or its authorized service centre, reserves the right to retain any part/s or component/s replaced at its discretion in the event of a defect noticed in the equipment during the warranty period.
- In case of repair/replacement of any part/s of this product, this warranty will thereafter continue and remain in force only for the unexpired period of the warranty. Moreover, the time taken for servicing shall not be exempted from the warranty period.
- This warranty obligation is applicable only if the product is found free from transit damage after due examination by the authorized V-Guard service centre. In case of any transit damage, the product shall be repaired by the V-Guard authorised service centre on applicable charges

and warranty for the unexpired period shall continue.

- In case of e-commerce purchase, the customer should seek redressal from the concerned online marketplace or the seller if the product is delivered in a damaged condition.
- This warranty obligation does not cover applicable charges, if any, incurred on rendering services that are outside the ambit of this warranty.
- In the event of any unforeseen circumstance, and spares not being available, the company's prevailing depreciation rules will be binding on the owner to accept as a commercial solution in lieu of repair
- This warranty is issued at Ernakulam, and courts at Ernakulam shall have exclusive jurisdiction over matters pertaining to this warranty.

THIS WARRANTY WILL NOT BE APPLICABLE IF:

- The product is not used as per the suggested application.
- Repair attempts by either the customer or the third party (apart from the authorized V-Guard service centre).
- The original serial number is either tampered or removed from the device.
- Product failure caused by certain unusual conditions such as Water Logging, Misuse, Transit Damage during purchase, abnormal voltage supply, lightning, acts of God, or while in transit to or from the service center.